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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

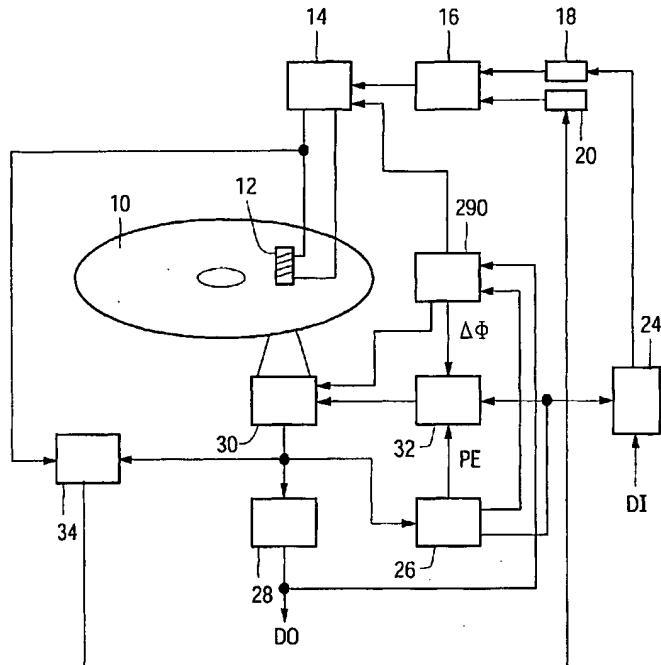
(72) Inventor; and

(75) Inventor/Applicant (for US only): VERSCHUREN, Coen, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: COPY WINDOW SETPOINT CONTROL FOR DOMAIN EXPANSION READING



(57) Abstract: The present invention relates to a recording medium, calibration method and apparatus for reading the recording medium, wherein the size of a spatial copy window of domain copying process is controlled by varying at least one predetermined reading parameter in response to a control information derived from a readout pulse, and by applying a predetermined additional pattern of change to said predetermined additional pattern of change to said predetermined parameter. A characteristic value, e.g. phase amplitude, of a phase change imposed on a reproduced data pattern by said additional pattern of change is used as a reference setpoint for copy window control. The data pattern reproduced by said reading apparatus may be monitored in order to determine a predetermined optimum value of the at least one predetermined parameter and to detect the characteristic value of said imposed phase change when the optimum value of said reading parameter is applied. As an alternative, the characteristic may be

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stored on the recording medium. A setpoint signal is provided thereby which can be accurately measured. Moreover, if the setpoint value is stored as an intrinsic property on the recording medium, the number of calibration operations can be significantly reduced.



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